

## **CITY OF BURBANK**

### **SENIOR CONDUIT MECHANIC**

#### **DEFINITIONS**

Under direction, to inspect electrical underground utility construction progress by contractors; to do skilled electrical work in the construction, maintenance and repair of an underground electrical transmission and distribution system; and to do related work as required.

#### **ESSENTIAL FUNCTIONS**

Inspects construction of underground electrical utilities, underground vaults and allied structures to assure work meets contract specifications, permit limitations or work orders; inspects all phases of construction including grading, trenching, compaction, backfilling, mixing of concrete or asphalt aggregates, placement of forms, pouring and finishing of concrete or asphalt, and placement of reinforcing steel; inspects materials for conformance with specifications; determines whether construction is in conformance with State and local regulations; reports to supervisor contractors' failure to comply with appropriate regulations; makes written reports of inspections and volume of work completed; coordinates with building code inspectors; makes reports of physical conditions of City property; installs and maintains transmission, distribution and street lighting underground systems; installs and connects transformers, oil switches, capacitor banks, lightning arrestors, fuses and street lights; works on energized high voltage circuits and equipment; installs underground duct lines, cables and associated equipment; makes up splices; connects underground electrical equipment; installs, services, and repairs cable, conduit, terminals and related underground electrical equipment; operates trucks and power equipment; makes emergency repairs on underground lines; leads and trains employees.

#### **MINIMUM QUALIFICATIONS**

##### **Employment Standards:**

- Knowledge of – the methods, materials and equipment used in the lineman/splicer trade; the California Public Utilities Commission General Orders 95 and 128 regulations concerning the construction and maintenance of overhead and underground distribution systems;; fundamental safety regulations, first aid and the method of applying resuscitation; construction methods, standards, procedures, and materials; ability to follow oral and written directions.
- Ability to - use and care for tools and equipment of the trade; think and act effectively in emergencies; work underground; ability to interpret blueprints and specifications; secure the cooperation of others; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

**Education/Training:** Candidates must have had five years of recent electrical experience which must include 18 months work on high voltage energized line and three year's experience in the inspection of electric underground systems. **COLOR VISION:** Keen color perception.

**Special Conditions & Requirements:** Employees in this classification will be required to comply with the American National Standards Institute's requirements on Practices for Respiratory Protection.

**License & Certificates:** A valid California Class "C" driver's license or equivalent at time of appointment, and must obtain a valid California Class "A" driver's license or equivalent prior to the completion of probationary period.

#### **SUPPLEMENTAL INFORMATION**

None.